

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 58 | (((((SHENGGAO) near2 (LIU)) OR ((JEREMY) near2 (DAHL)) OR ((ROBERT) near2 (CARLSON))). INV. OR Chevron.AS.) AND (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:18 |
| L2 | 150 | ("20020009274" "20040054243" "20040059145" "3457318" "3832332" "4201955" "4225734" "4638484" "4880613" "4910436" "4949347" "4950625" "4950657" "5017734" "5019660" "5051785" "5075757" "5082359" "5112775" "5117267" "5132749" "5144380" "5171632" "5210430" "5210431" "5223721" "5245189" "5273731" "5275967" "5306928" "5328855" "5331183" "5347147" "5349209" "5352908" "5371382" "5382684" "5382809" "5389799" "5414189" "5420879" "5432003" "5449531" "5454880" "5470505" "5470661" "5476812" "5478650" "5504323" "5504767" "5531184" "5541423" "5600156" "5608666" "5610405" "5632812" "5653800" "5656828" "5701323" "5703896" "5747118" "5773830" "5792256" "5812573" "6110276" "6151347" "6162412" "6235851" "6274837" "6340393" "6352884" "6376276" "6433474").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:19 |

EAST Search History

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| L3 | 177 | ("20020009274" "20020177743" "20030044353" "20030199710" "20040054243" "20040059145" "20040109328" "3457318" "3832332" "4201955" "4638484" "4880613" "4910436" "4949347" "4950463" "4950625" "4959201" "4985226" "5017734" "5019660" "5032381" "5051785" "5075757" "5112775" "5117267" "5132749" "5144380" "5171632" "5210430" "5210431" "5223721" "5245189" "5273731" "5275967" "5306928" "5331183" "5347147" "5349209" "5352908" "5371382" "5382684" "5382809" "5389799" "5414189" "5420879" "5449531" "5454880" "5470505" "5476812" "5478650" "5504323" "5504767" "5531184" "5541423" "5600156" "5608666" "5610405" "5632812" "5653800" "5656828" "5701323" "5703896" "5747118" "5773830" "5792256" "5812573" "5989947" "5990479" "6110276" "6114038" "6151347" "6162412" "6207392" "6235851" "6274837" "6306610" "6309701" "6322901" "6326144" "6340393" "6352884" "6376276" "6377340" "6423551" "6433474" "6514717" "6548171" "6576155" "7070921").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:21 |
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EAST Search History

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| L4 | 224 | ("3457318" "3832332" "4142036" "4273561" "4880613" "4950463" "4952747" "4952748" "4952749" "4959201" "4982049" "4985226" "4996079" "5015758" "5017734" "5019660" "5019665" "5053434" "5146314" "5234724" "5238705" "5245104" "5246198" "5256391" "5268513" "5298666" "5306851" "5308661" "5313094" "5319518" "5347063" "5367051" "5369213" "5380947" "5382684" "5382809" "5394733" "5397488" "5397558" "5410092" "5410166" "5414189" "5416188" "5430193" "5449531" "5455072" "5461184" "5462680" "5462776" "5478650" "5498812" "5540977" "5547748" "5576355" "5578901" "5601966" "5628920" "5632812" "5635581" "5656828" "5695847" "5739376" "5767578" "5773921" "5780101" "5792256" "5849130" "5861135" "5874775" "5880154" "5907189" "5958523" "5965202" "5976909" "5984752" "5989947" "5990479" "0592545" "6008502" "6080470" "6162412" "6174780" "6187427" "6207392" "6211463" "6222113" "6235851" "6250984" "6256996" "6261942" "6274837" "6277766" "6286212" "6300410" "6306610" "6309701" "6312768" "6316084" "6316826" "6322901" "6326144" "6340393" "6359378" "6377340" "6423551" "6548171" "6576155" "6858700").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:22 |
| L5 | 113 | ("20040059145" "3457318" "3832332" "4225734" "5017734" "5019660" "5051785" "5072264" "5075757" "5099296" "5107315" "5112775" "5117267" "5132749" "5144380" "5171632" "5177585" "5210431" "5223721" "5278431" "5294814" "5306928" "5331183" "5352908" "5371378" "5371382" "5382684" "5382809" "5389799" "5400427" "5414189" "5449531" "5454880" "5455432" "5470505" "5476812" "5478650" "5531184" "5541423" "5600156" "5632812" "5653800" "5656828" "5747118" "5792256" "5903015" "6110276" "6162412" "6235851" "6274837" "6335245" "6340393" "6352884" "6376276" "6861569").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:22 |

EAST Search History

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| L6 | 160 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) SAME (semiconductor OR transistor OR ((pn OR (p near2 n)) near3 (diode OR junction)) OR ((n OR p) near3 (type OR dop\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:25 |
| L7 | 2739 | 257/40.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:26 |
| L8 | 65 | ("4539061" "4908299" "4948629" "4964972" "4968524" "5077085" "5079600" "5093154" "5106561").PN. OR ("5455072").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 15:29 |
| L9 | 43 | diamond AND (gold near3 atom) AND (semiconductor OR ((n OR p) near3 (type OR dop\$3))) AND (@pd<"20010716" OR @ad<"20020718") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 15:30 |
| S1 | 7 | "US 20040021204" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 15:23 |
| S30 | 179 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) AND (transistor OR ((pn OR (p near2 n)) near3 (diode OR junction)) OR ((n OR p) near3 (type OR dop\$3))) AND (@pd<"20010716" OR @ad<"20020718") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/29 13:01 |

EAST Search History

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| S36 | 49 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) AND semiconductor AND (transistor OR ((pn OR (p near2 n)) near3 (diode OR junction)) OR ((n OR p) near3 (type OR dop\$3))) AND (@pd<"20010716" OR @ad<"20020718") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 13:36 |
| S40 | 187 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) AND semiconductor AND (transistor OR ((pn OR (p near2 n)) near3 (diode OR junction)) OR ((n OR p) near3 (type OR dop\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 19:26 |
| S43 | 99 | CMOS AND ((workfunction OR (work ADJ1 function)) near5 gate near5 channel) AND @pd<"20010716" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 09:21 |
| S44 | 80 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) SAME (insulat\$3 OR dielectric) AND (@pd<"20010716" OR @ad<"20020718") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 17:08 |
| S45 | 36 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) SAME gold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 20:06 |

EAST Search History

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| S46 | 34 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) SAME crystal AND gold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 20:31 |
| S47 | 35 | (diamondoid OR adamantane OR (tricyclo near5 decane) OR diamantane OR congressane OR triamantane OR tetramantane OR pentamantane OR hexamantane OR heptamantane OR octamantane OR nonamantane OR decamantane OR undecamantane) near5 (polymer OR polymerize\$1 OR polymerization) AND (semiconductor OR ((n OR p) near3 (type OR dop\$3))) AND (@pd<"20010716" OR @ad<"20020718") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 22:14 |
| S48 | 34 | "5053434" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 21:23 |